

# "FRIEND" SPRAY ACCESSORIES

SPRAYING DONE EASIER AND  
BETTER WITH "FRIEND" EQUIPMENT

MADE BY

"FRIEND" MANUFACTURING COMPANY  
GASPORT, NIAGARA COUNTY, N. Y.

SOLD BY

SOLD BY

BOLTON FRUIT CO.

BOLTON

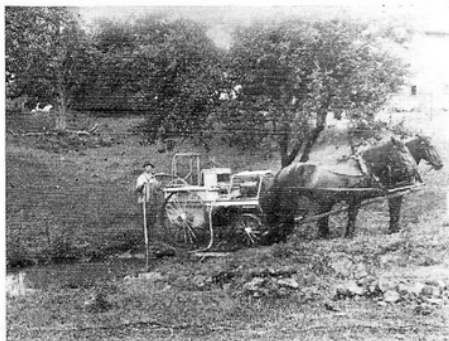
WORCESTER COUNTY, MASS.

NEW ENGLAND DISTRIBUTORS

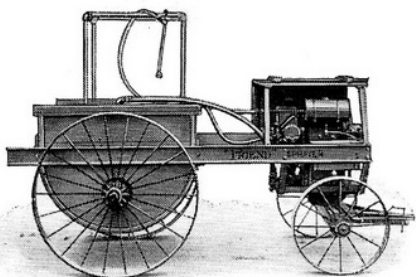
"FRIEND" SPRAYERS - CUTLER GRADERS

## THE "FRIEND" TANK FILLER

A simple durable tank filler that is worth many times its cost, in saving time and labor, in fact the successful growers find they can not afford to be without one. The "Friend" tank filler does away with the slow and tiresome operation of pumping water by hand for spraying, and the old method is extremely extravagant when time, labor and the applying of the spray at the proper time is taken into consideration.



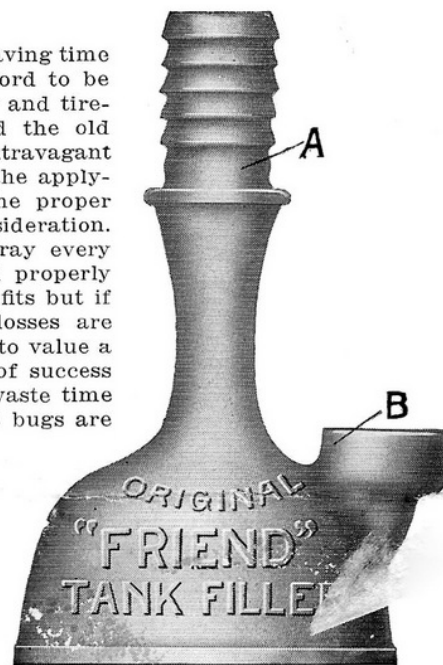
Fill the Tank Easily and Quickly With the  
"Friend" Tank Filler.



This is the type of the celebrated "Friend" Power Sprayers. They are made in many sizes, large, medium and small. All low down, short turn—cut clear under, large wheels, easy draft, light weight, easy drawing.

Power furnished by neatly designed motor pump units, having every possible advantage over separate engines and pumps. Write for catalog.

When it is time to spray every minute counts, if used properly it counts for Fruit Profits but if foolishly spent, crop losses are sure to follow. Learn to value a minute and the glory of success will be yours. Don't waste time on a pump handle, the bugs are making merry while you pump. Use the "Friend" tank filler, the proper, most efficient way to fill the spray tank. Tank can be filled in a few minutes from any pond, spring or ditch. The first jet sprayer tank filler made was a "Friend" and they have proven a real friend to the farmer when time was short and spraying had to be done in a hurry. By pressure from the power sprayer the tank can be filled at about 25 to 40 gallons per minute, depending on the size filler used. Include a "Friend" tank filler in your spraying equipment.



Pressure Hose From Sprayer Attached at  
B. Filler Hose Attached at A.

Fillers are made in three sizes. No. 1 for 20 gallon per minute sprayer; No. 2 for medium capacity sprayer and No. 3 for small capacity power sprayer.

No. 1 complete, both hose.	
Price, code <i>tfil</i> .....	\$30.00
No. 1 filler only, no hose.	
Price, code <i>tfit</i> .....	\$12.00
No. 2 filler, complete, both hose.	
Price, code <i>tfal</i> .....	\$25.00
No. 2 filler only, no hose.	
Price, code <i>tfat</i> .....	\$10.00
No. 3 filler, complete, both hose.	
Price, code <i>tful</i> .....	\$25.00
No. 3 filler only, no hose.	
Price, code <i>tfut</i> .....	\$10.00

## THE "FRIEND" SPRAY GUN



"Friend" Large Park Spray Gun. Easy to hold. Easy to open and close. Does not leak. Price, code *sgal*.....\$15.00



"Friend" Small Park Spray Gun. Makes fine, wide or driving spray or stream. Price, code *sgas*.....\$12.00.



### The Celebrated "FRIEND" Spray Gun

The original "Friend" spray gun, which has won world wide popularity with fruit growers and was the first and only spraying device ever invented that made spraying a pleasure. Price, code *sgun*.....\$10.00.



### "FRIEND" Special Spray Gun

The "Friend" Special Spray Gun is a modification of the original gun; it is a little smaller and was originally intended for use with smaller power sprayers. Its recommended capacity is not more than ten gallons per minute. It makes a beautiful spray and is easily operated. Price, code *sgan*.....\$6.00

### Saves Time, Money and Solution

The "Friend" Spray Gun is designed to handle the entire capacity of the largest power sprayer, thus enabling one man to do the work of two or three. Easy change to any desired capacity by using large or small gun discs, which are made in many sizes. A spray pole cannot be moved quickly and it is always catching in the branches, while the "Friend" gun can be held in one hand and never catches. It never clogs, the "Friend" is self-cleaning. The passages are large and the plunger valve which comes in contact with disc forces sediment through the discharge orifice—a distinctive "Friend" feature. You don't have to remove cap to remove sediment from disc. The controlling valve is quick acting, only a quarter turn of the wrist opens or closes at will—a "Friend" feature.

Any kind of spray, wide, medium or extremely high, is instantly obtained or instantaneously shut off, with absolutely no dripping—another distinctive "Friend" feature.

So very fine is the spray and carried so far and with such penetration through the dense foliage, yet instantly controlled, that hundreds of leading growers testify that the "Friend" gun actually saves 25% spray solution, as there is practically no drip from the trees from overspraying on the outside in order to thoroughly spray the center of the tree.

### Ease of Operation

While every gun is a copy of the "Friend", still minor changes are made so as not to appear too much like the "Friend". With the "Friend" gun you have extreme ease of operation; it is faster. Its length and light weight enables the gun to be held in a natural position and moved quickly without tiring the back and arms; the angle hose connection permits the hose to hang straight down without kinking; the handle is the natural position for your hand and will prove less tiresome than any other handle, for at no time is the hand or wrist in a cramped position, as with other guns.

No leaking or hard working shutoffs are used; not a drop of solution can possibly leak out and a small child can operate the controlling valve which shuts off the solution as well as graduates the spray.

### Instructions

In the "Friend" gun provision is made for the elimination of all friction, which permits the power sprayer pressure to pass to the discharge orifice of the gun unrestricted, preventing possibility of clogging—and thus greatly increases its efficiency. The spray gun should not be used on smaller than half-inch hose, to avoid unnecessary resistance. Suitable discs are furnished to enable the gun to operate with a power sprayer of any desired capacity. Be sure to give the gun 200 lbs. pressure or more and do not move too fast—do thorough work. Do not try to do good work with a spray gun at less than 5 gallons per minute discharge at high pressure, the more the better.

#### "FRIEND" ATOMIZER SPRAYER, One Quart Size

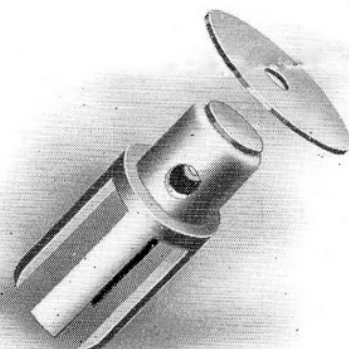
Price, code *ahar*.....\$0.75

Price, doz., code *ahars*.....\$7.50

#### "FRIEND" ATOMIZER SPRAYER, One Pint Size

Price, code *ahem*.....\$0.50

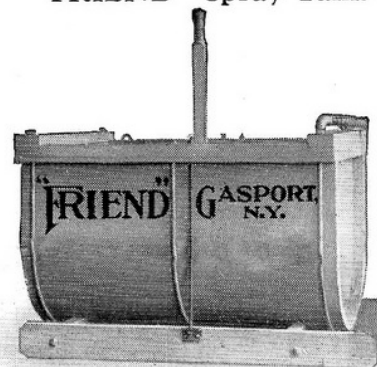
Price, doz., code *ahems*.....\$6.00



The New "Stay Put" Device, Plunger Valve and Shutoff.

The "Friend" Spray Gun has only two working parts, the plunger valve and the discharge disc. These may be replaced at only a few cents cost.

### "FRIEND" Spray Tank



A spray tank that is made by combining skilled workmanship with the very best tank lumber—"cypress." The hoops may be tightened if necessary by simply turning down the nuts on top of tank, which are prevented from cutting into the wood by an angle iron placed along each side of the tank.

Unless otherwise specified tanks will be furnished in same shape and style as the one shown here except bolsters and agitator. These are not furnished on large sizes, unless so ordered.

100 gal. as shown.

Price, code *star*.....\$40.00

150 gal. as shown.

Price, code *stra*.....\$45.00

200 gal. tank only.

Price, code *stik*.....\$55.00

250 gal. tank only.

Price, code *step*.....\$65.00



Thousands of successful fruit growers say that "Friend" nozzles are superior because they have wider, more even distribution, strong projective power, full center spray. They are simple, light and durable. They do not clog. The patent features make them more efficient. They are made both straight and angle in various types. See price list page 4.

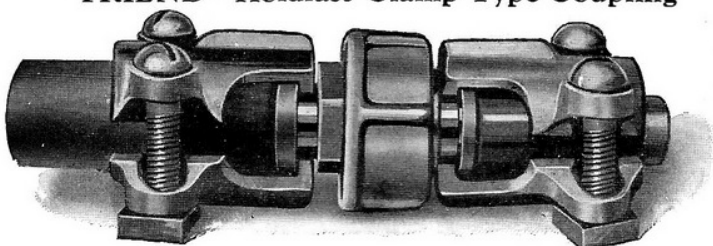


### "FRIEND" Leakless Angle Shutoff

The quickest and easiest acting shutoff on the market. It cannot leak and the seat is detachable. The hose hangs from it in a natural position, thus saving hours of time and annoyance from bursting and leaking. Use the "Friend" Leakless Angle Shutoff and have dry hands and clothing and enjoy spraying.

Price, code *shuto*.....\$2.50

### "FRIEND" Holdfast Clamp Type Coupling



The "Friend" Clamp Type Coupling is simple, yet strong and durable. The clamps fit into small grooves, which makes it absolutely impossible for them to slip off, thus you are assured of a reliable coupling that will hold under any and all conditions. See price list page 4.



"Friend" braided cord spray hose is the best and the cheapest in the end. It handles more easily and does not kink. Made  $\frac{3}{8}$ ",  $\frac{1}{2}$ " and  $\frac{3}{4}$ ", in any desired length up to 500 ft. Made in both 2 and 3 ply braids. See price list this page.



Wrapped hose can be cut in 25 or 50 ft. lengths. It is good hose, and some prefer it. Made in  $\frac{3}{8}$ " and  $\frac{1}{2}$ " for pressure work. Also made  $\frac{3}{4}$ " for overflow. See price list this page. Suction and filler hose is made 1",  $1\frac{1}{4}$ " and  $1\frac{1}{2}$ ". See price list this page.

Bands and connections for all hose. See price list on page 4.

### Spray, Suction and Filler Hose

$\frac{3}{8}$ "	Braided spray hose, 2 ply, per ft., code <i>bsha</i> .....	\$0.25
$\frac{1}{2}$ "	Braided spray hose, 2 ply, per ft., code <i>bshep</i> .....	.30
$\frac{1}{2}$ "	Braided spray hose, 3 ply, per ft., code <i>bshi</i> .....	.35
$\frac{5}{8}$ "	Braided spray hose, 3 ply, per ft., code <i>bshu</i> .....	.40
$\frac{3}{4}$ "	Braided spray hose, 3 ply, per ft., code <i>bsho</i> .....	.45
$\frac{3}{8}$ "	Wrapped spray hose, 6 ply, per ft., code <i>whspa</i> .....	.25
$\frac{1}{2}$ "	Wrapped spray hose, 6 ply, per ft., code <i>whspn</i> .....	.30
$\frac{3}{4}$ "	Wrapped for overflow, 5 ply, per ft., code <i>whoa</i> .....	.30
1"	Suction hose, per ft., code <i>whsu</i> .....	.50
$1\frac{1}{4}$ "	Suction and filler hose, per ft., code <i>whsuf</i> .....	.55
$1\frac{1}{2}$ "	Suction and filler hose, per ft., code <i>whsul</i> .....	.60
$\frac{3}{4}$ "	Hose gaskets, per doz., code <i>hgla</i> .....	.12
1"	Hose gaskets, per doz., code <i>hgsa</i> .....	.12

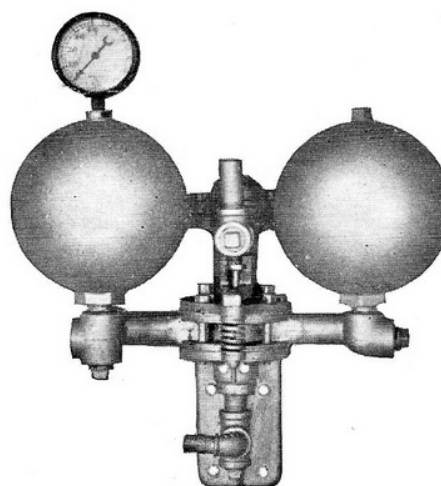


### "FRIEND" Pressure Controller

A "Friend" quality product that is giving wonderful service and satisfaction. The "Friend" Pressure Controller is easily and quickly adjusted by simply turning the nut at top of controller up or down. It has two working adjustments with a difference of about 50 lbs. pressure. Most power sprayers work well if the pump valves are in repair. Much efficiency is lost by leaking valves and by a constant, uncontrollable overflow. Growers who have equipped their power sprayers with this valve, tell us they would not take \$100 for it if they could not get another.

When ordering specify angle or vertical base.

Price, code *peon*.....\$9.00



### "FRIEND" Automatic Pressure Controller

Many growers have found that there is a particular advantage in using the Automatic Pressure Controller, especially in orchards where conditions are such that it is found necessary to keep constantly closing and opening the spray guns. The object of the automatic controller is to relieve the motor pump from all labor when the gun is closed, which makes possible a high pressure spray instantly when gun is opened, and still has the advantages of saving fuel and wear on the motor pump.

The "Friend" Automatic Pressure Controller is so designed and constructed that it is as nearly perfect as is possible for such a device to be, and it is proving its practicability.

The "Friend" Automatic Pressure Controller is so designed and constructed that it is as nearly perfect as is possible for such a device to be, and it is proving its practicability.

"Friend" Automatic Pressure Controller for AXA, code *apcon*.....\$50.00

For DX and BX, code *bpcon*.....\$50.00



## "FRIEND" Standardized Fittings

### A— $\frac{3}{4}$ " STOP COCK

The regular all brass valve, made for draining and low pressure work.  $\frac{3}{4}$ " male and female pipe thread. Price, code *scok*.....\$1.50

### B— $\frac{3}{4}$ " 2-WAY SHUTOFF

A high pressure all brass valve made for supplying two lines of hose.  $\frac{3}{4}$ " male pipe thread;  $\frac{3}{4}$ " standard hose thread. Price, code *shure*.....\$3.00

### C— $\frac{3}{4}$ " SINGLE SHUTOFF

All brass high pressure valve  $\frac{3}{4}$ " male pipe thread and  $\frac{3}{4}$ " male hose thread. Price, code *shuk*.....\$2.75

### D— $\frac{1}{4}$ " STOP COCK

All brass medium pressure valve for drainage or for steel spray pole. Both ends  $\frac{1}{4}$ " female pipe thread. Price, code *scat*.....\$ .75

### E—"FRIEND" PUSH PIN SHUTOFF

A very simple leakless shutoff all brass for use on spray poles.  $\frac{1}{4}$ " female pipe thread and  $\frac{3}{4}$ " female hose thread. Price, code *shus*.....\$2.25

### F—"FRIEND" ANGLE LEAKLESS SHUTOFF

The only angle leakless shutoff on the market. Made of all brass. Thousands in use, a child can operate it. Made for high pressure spraying. Detachable seat. The only real satisfactory shutoff.  $\frac{1}{4}$ " female pipe thread and  $\frac{3}{4}$ " female hose thread. Price, code *shuto*.....\$2.50

### G— $\frac{1}{4}$ " SS SHUTOFF

All brass medium pressure leakless valve for use on spray pole. Both ends  $\frac{1}{4}$ " female pipe thread. Price, code *shup*.....\$1.40

### H—1" SUCTION HOSE COUPLING

All brass for standard 1" low pressure or suction hose. Standard 1" hose thread. Price, code *hoam*.....\$ .70

### I— $\frac{3}{4}$ " HOSE BAND

All brass for regular hose coupling. 2 ply braided or 6 ply wrapped. Price, code *hband*.....\$ .08

### I— $\frac{1}{2}$ " HOSE BAND

All brass for 2 ply braided or 6 ply wrapped. Price, code *hbant*.....\$ .08

### I— $\frac{3}{4}$ " HOSE BAND

All brass for 5 ply wrapped overflow hose. Price, code *hbang*.....\$ .10

### I—1" HOSE BAND

All brass for suction hose. Price, code *hbank*.....\$ .27

### I—1 $\frac{1}{4}$ " HOSE BAND

All brass for suction and filler hose. Price, code *hbane*.....\$ .35

### I—1 $\frac{1}{2}$ " HOSE BAND

All brass made for suction and filler hose.

Price, code *hbanf*.....\$ .40

### J— $\frac{3}{4}$ " FEMALE HOSE COUPLING

All brass made for regular overflow hose. Regular  $\frac{3}{4}$ " female hose thread. Price, code *hctag*.....\$ .60

### J— $\frac{1}{2}$ " COUPLING COMPLETE

All brass double band coupling complete with 4 bands. Regular  $\frac{3}{4}$ " hose thread. Price, code *hctap*.....\$ .90

### J— $\frac{3}{8}$ " HOSE COUPLING COMPLETE

All brass complete with 4 bands. Regular  $\frac{3}{4}$ " hose thread. Price, code *hctam*.....\$ .90

### K— $\frac{3}{4}$ " HOSE CLAMP

All brass, the "stay-there" kind for 2 ply braided or 6 ply wrapped for use on coupling L. Complete set 4 pcs.

Price, code *klamp*.....\$ .40

### K— $\frac{1}{2}$ " HOSE CLAMP

The "stay-there" kind made for use on coupling L for 2 ply braided or 6 ply wrapped. Complete 4 pcs.

Price, code *klam*.....\$ .45

### K— $\frac{1}{4}$ " HOSE CLAMP

The "stay-there" kind, all brass made for use on coupling L for 3 ply braided or 7 ply wrapped. 4 pcs.

Price, code *klan*.....\$ .50

### K— $\frac{3}{4}$ " HOSE CLAMP

The "stay-there" kind, all brass for use on coupling L for 3 ply braided. 4 pcs. Price, code *klab*.....\$ .60

### L— $\frac{3}{4}$ " HOSE COUPLING

All brass clamp type leakless "stay-there" kind. Large frictionless passage, regular  $\frac{3}{4}$ " hose thread.

Price, code *hclam*.....\$ .75

### L— $\frac{1}{2}$ " HOSE COUPLING

All brass clamp type leakless "stay-there" kind. Large frictionless passage, regular  $\frac{3}{4}$ " hose thread.

Price, code *hclap*.....\$ .75

### L— $\frac{3}{4}$ " HOSE COUPLING

All brass, clamp type leakless "stay-there" kind. Large frictionless passage, regular  $\frac{3}{4}$ " hose thread.

Price, code *hclag*.....\$1.25

### M— $\frac{1}{4}$ " NOZZLE CROOK

All brass 45° nozzle crook,  $\frac{1}{4}$ " male and female threads.

Price, code *nocro*.....\$ .25

### N— $\frac{1}{4}$ " NOZZLE Y

All brass straight nozzle Y for 2 nozzles, standard  $\frac{1}{4}$ " male and female pipe thread. Price, code *nozt*.....\$ .35

### O—PIPE AND HOSE CONNECTION

All brass  $\frac{3}{4}$ " female hose thread and  $\frac{1}{4}$ " male pipe thread for use with small shutoffs or nozzles. Price, code *phcon*.....\$ .40

### P—HOSE COUPLING CAP

All brass  $\frac{3}{4}$ " female hose thread coupling cap.

Price, code *heca*.....\$ .38

### Q— $\frac{1}{4}$ " NOZZLE Y

All brass angle nozzle Y for use with 2 nozzles, standard  $\frac{1}{4}$ " male and female pipe thread. Price, code *noang*.....\$ .38

### R— $\frac{3}{4}$ " BRASS BUSHING

All brass  $\frac{3}{4}$ " standard male pipe thread and  $\frac{1}{4}$ " standard female pipe thread. Price, code *bbus*.....\$ .45

### S— $\frac{3}{4}$ " TRANSFER NIPPLE

All brass hexagon for hose and pipe connection  $\frac{3}{4}$ " male pipe thread and  $\frac{3}{4}$ " male hose thread. Price, code *tnip*.....\$ .40

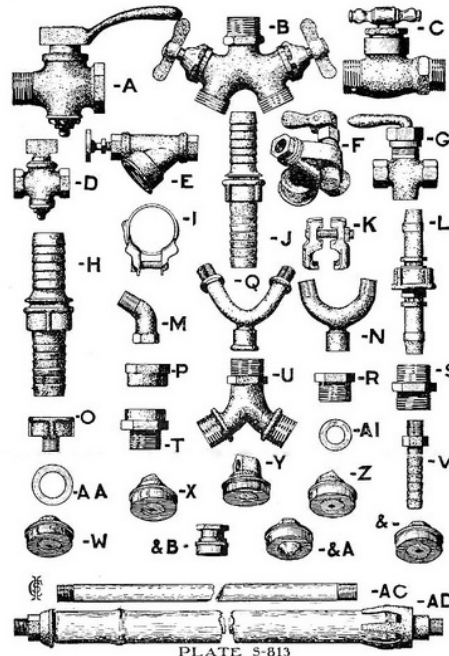


PLATE S-813

### T— $\frac{3}{4}$ " MALE AND FEMALE CONNECTION

All brass for pipe and hose connection, standard  $\frac{3}{4}$ " female hose thread. Price, code *mafco*.....\$ .55

### U— $\frac{3}{4}$ " HOSE Y

All brass lead hose Y for 2 hose lines. Standard  $\frac{3}{4}$ " male pipe thread and  $\frac{3}{4}$ " male hose thread. Price, code *lhyat*.....\$ .75

### V— $\frac{3}{4}$ " HOSE COUPLING

All brass for hose and pipe connection.  $\frac{5}{8}$ " hose shank and  $\frac{1}{4}$ " male pipe thread. Price, code *meon*.....\$ .25

### V— $\frac{1}{2}$ " HOSE COUPLING

All brass made for pipe and hose connection.  $\frac{1}{2}$ " hose shank,  $\frac{1}{4}$ " male pipe thread. Price, code *meona*.....\$ .25

### W—"FRIEND" ORIGINAL STRAIGHT NOZZLE

"Friend" original all brass straight nozzle made for all kinds of hand pump and power sprayer use. Has wide and even distribution, strong projective power, velvet-like spray. Standard  $\frac{1}{4}$ " female pipe thread. Price, code *nozal*.....\$1.00

### X—"FRIEND" ORIGINAL ANGLE NOZZLE

"Friend" original all brass angle nozzle made for all kinds of hand pump and power sprayer use. Has wide and even distribution, strong projective power, velvet-like spray. Standard  $\frac{1}{4}$ " female pipe thread. Price, code *nozon*.....\$1.00

### Y—"FRIEND" 90° ANGLE NOZZLE

All brass "Friend" nozzle for special work. Very useful in spraying small trees with 6 or 8 ft. spray pole. No walking necessary. Standard  $\frac{1}{4}$ " female pipe thread.

Price, code *nozer*.....\$1.00

### Z—"FRIEND" ANGLE CALYX NOZZLE

All brass "Friend" nozzle made for power sprayers and large trees. Has strong projective power like spray gun, even distribution. Standard  $\frac{1}{4}$ " female pipe thread.

Price, code *nozca*.....\$1.00

### &—"FRIEND" STRAIGHT CALYX NOZZLE

All brass made for power sprayers and large trees. Has strong projective power like spray gun. Even distribution. Standard  $\frac{1}{4}$ " female pipe thread. Price, code *nozza*.....\$1.00

### &A—"FRIEND" STRAIGHT DRIVE SPRAY NOZZLE

All brass "Friend" nozzle for drive spray work. Drives farther but not as wide as calyx. Standard  $\frac{1}{4}$ " female pipe thread. Price, code *nozds*.....\$1.00

Price, code *nozca*.....\$1.00

&A—"FRIEND" ANGLE DRIVE SPRAY NOZZLE

All brass "Friend" nozzle for drive spray work. Drives farther but not as wide as the calyx. Standard  $\frac{1}{4}$ " female pipe thread. Price, code *nozda*.....\$1.00

### &B—"FRIEND" POTATO NOZZLE

All brass "Friend" potato or hummer nozzle. Has strainer, makes beautiful spray at low pressure. Standard  $\frac{1}{4}$ " female pipe thread. Price, code *nozum*.....\$ .75

### AA—1" SUCTION HOSE GASKET

Rubber gasket for 1" suction hose. Price, code *hgasa*.....\$ .01

### A1—LEAD HOSE GASKET

Rubber gasket for  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ " and  $\frac{3}{4}$ " spray hose. Price, code *hgla*.....\$ .01

### AC— $\frac{1}{4}$ " STEEL SPRAY POLE

Well painted  $\frac{1}{4}$ " standard steel spray pole  $\frac{1}{4}$ " male threads, made any length desired. Standard lengths 6, 8, 10 ft. long. Price, per ft., code *spar*.....\$ .18

### AD—"FRIEND" BAMBOO SPRAY POLE

"Friend" bamboo poles are highly perfected having large tube for free discharge, seamless light weight, strongly reinforced, well made, very substantial. Standard lengths 8 and 10 ft. long. Price, code *spot*.....\$4.50

“FRIEND  
NU SYSTEM  
SPRAYERS”

“FRIEND” MANUFACTURING CO.

NIAGARA COUNTY

GASPORT, NEW YORK, U. S. A.

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